



NUECES BBASC STUDY

**RE-EXAMINATION OF THE
2001 AGREED ORDER
MONTHLY TARGETS –
PHASE 2**

**NEAC – MAY 1, 2017
CORY SHOCKLEY**

DISCUSSION

01 **SOW**

02 **Scenarios**

03 **New Drought of Record**

04 **Schedule**

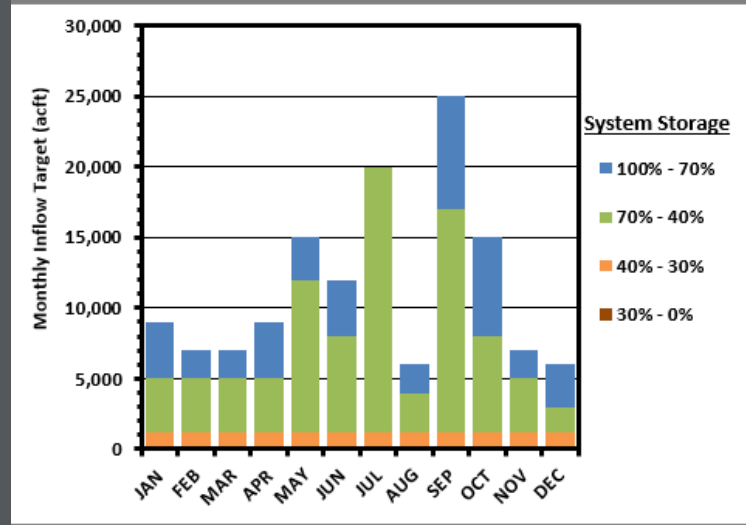
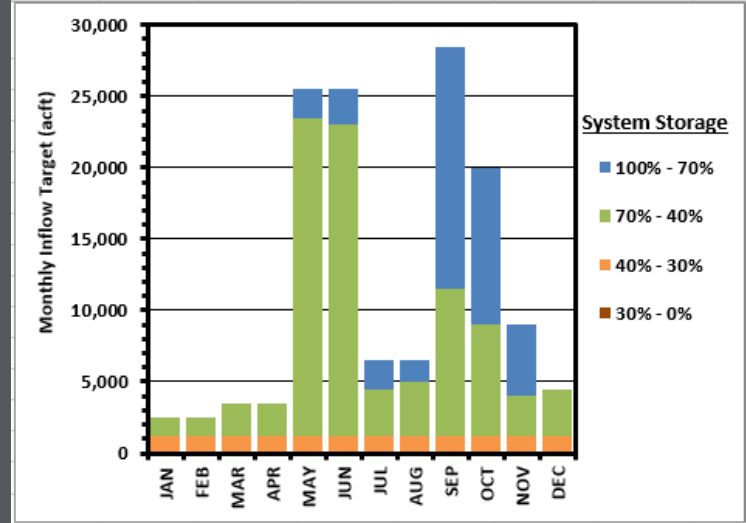
SOW

- Re-examine the 2001 Agreed Order Monthly Targets
- How sensitive are the FWI and System Yield to the Targets in the Agreed Order?
 - Identify Scenarios
 - Stakeholder input
 - Results from Phase 1
 - Perform Scenario Simulations
 - CCWSM
 - Compare System Yields & FWI
 - Report
 - Recommendations for a 10-year pilot project



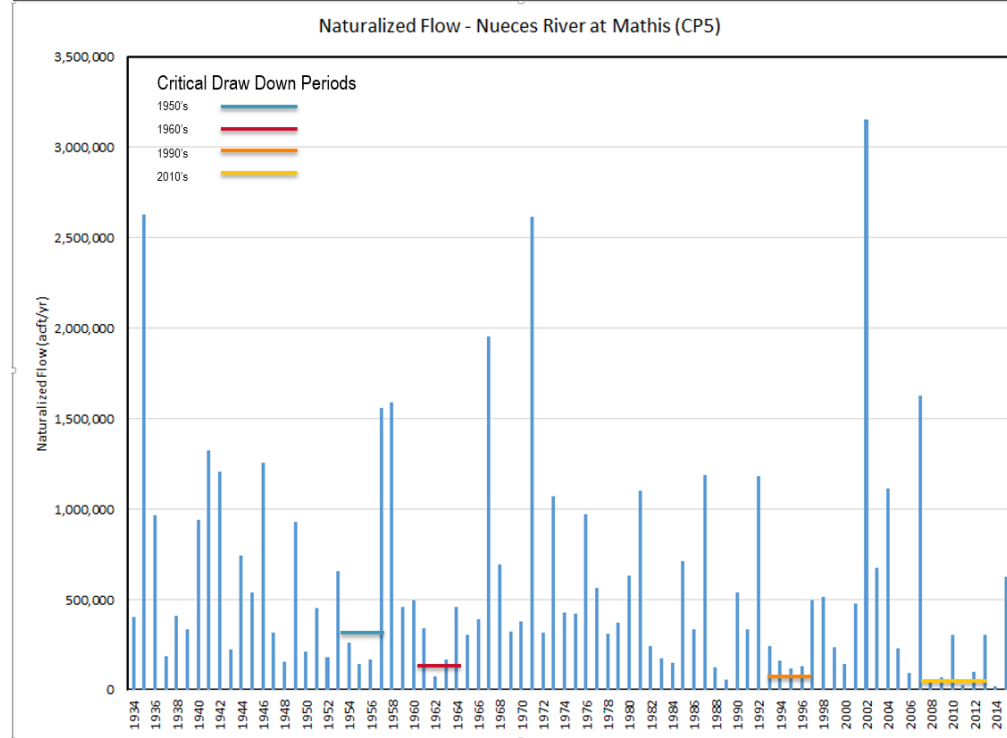
SCENARIOS

- Email Request – 13 April
 - 9 Responses
 - 10 Scenarios
- Two Themes
 - Shifting of High Flow Target Months
 - More Uniform Distribution
- Last Chance for “What-if” Requests
- Next Step: Simulation of Scenarios
 - Focus on
 - Yield
 - FWI



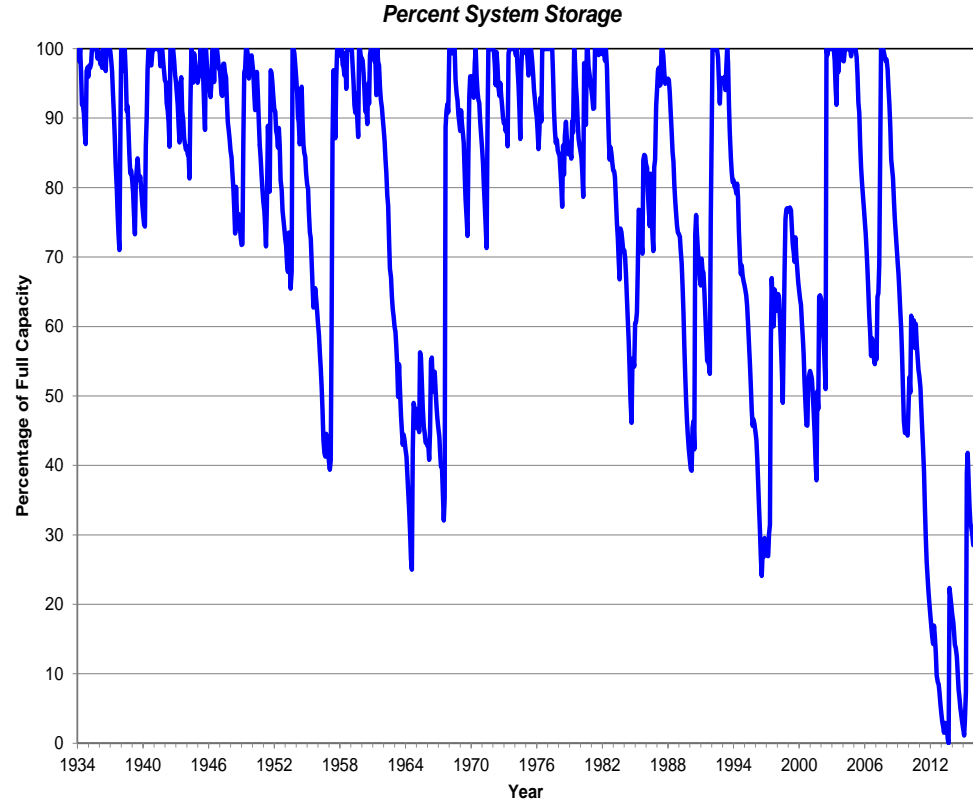
CCWSM HYDROLOGY UPDATES

- Extend Period of Record Hydrology
 - 2004 – 2015
 - Naturalized Flows
 - Evaporation
 - Reservoir EAC's
 - Ungaged Runoff below LCC
- New Drought of Record
 - Nueces Basin
 - Colorado River
 - Evaporation
 - 2011 highest net evap year
 - CCR = 5.16', LCC = 4.66', Tex = 4.16'



CCWSM – NEW DROUGHT

- Recent Drought = Critical Drought
- System has not refilled yet
- For Scenario Evaluations
 - Longer Period of Record
 - More Severe Critical Period
 - Yield and FWI Sensitivity
 - Agreed Order Monthly Targets
 - System Storage Triggers



SCHEDULE

- Scenario Evaluation – May
- Draft Report – June
- Final Report – July / August



RINCON BAYOU

CBBEP Nueces Delta Preserve



